

Claims

- 1 1. A topical composition comprising, on a weight basis:
2 0.1-18% of L arginine;
3 1-15% of lidocaine; and
4 a pharmaceutically acceptable carrier.
- 1 2. The composition of claim 1, wherein said carrier includes
2 liposomes, and wherein said lidocaine is contained within said liposomes.
- 1 3. The composition of claim 1, wherein said lidocaine is present in
2 a weight amount of 1-10%.
- 1 4. The composition of claim 1, wherein said lidocaine is present in
2 a weight amount of 5%.
- 1 5. The composition of claim 1, wherein said L arginine comprises
2 0.1-3 weight percent of said composition.
- 1 6. The composition of claim 1, wherein said L arginine comprises,
2 on a weight basis, 1% of said composition.
- 1 7. The composition of claim 1, wherein said L arginine is present
2 as a salt.

1 8. The composition of claim 2, wherein said L arginine is disposed
2 outside of said liposomes.

1 9. The composition of claim 1, further including a topical
2 corticosteroid.

1 10. The composition of claim 9, wherein said topical corticosteroid
2 is hydrocortisone or a derivative thereof.

1 11. The composition of claim 1, further including a material
2 selected from the group consisting of: diltiazem, indomethacin, piroxicam,
3 naproxen, ibuprofen, sildenafil, allantoin, phenylephrine, combinations of the
4 foregoing, and salts of the foregoing.

1 12. A composition for the treatment of anorectal disorders, said
2 composition comprising: L arginine, a local anesthetic, and a pharmaceutically
3 acceptable carrier.

1 13. The composition of claim 12, wherein said local anesthetic is
2 selected from the group consisting of: lidocaine, benzocaine, tetracaine,
3 procaine, mepivacaine, bupivacaine, prilocaine, ropivacaine, etidocaine,
4 pramoxine, diclonine, phenacaine, and combinations thereof.

1 14. The composition of claim 12, wherein said carrier includes
2 liposomes, and wherein said local anesthetic is disposed within said liposomes.

1 15. The composition of claim 12, wherein said L arginine is present
2 as a salt.

1 16. The composition of claim 12, wherein said L arginine
2 comprises, on a weight basis, 0.1-18% of said composition.

1 17. The composition of claim 12, wherein said topical anesthetic
2 comprises, on a weight basis, 1-15% of said composition.

1 18. The composition of claim 12, further including a material
2 selected from the group consisting of: diltiazem, indomethacin, piroxicam,
3 naproxen, ibuprofen, sildenafil, allantoin, phenylephrine, combinations of the
4 foregoing, and salts of the foregoing.

1 19. A method for treating an anorectal disorder in a patient, said
2 method comprising applying to the affected area of said patient a composition
3 comprising L arginine and a local anesthetic.

1 20. The method of claim 19, wherein said local anesthetic
2 comprises lidocaine.

1 21. The method of claim 20, wherein said lidocaine is contained
2 within liposomes.

1 22. The method of claim 19, wherein said L arginine comprises, on
2 a weight basis, 0.1-5% of said composition.

1 23. The method of claim 19, wherein said composition further
2 includes a material selected from the group consisting of: diltiazem,
3 indomethacin, piroxicam, naproxen, ibuprofen, sildenafil, allantoin,
4 phenylephrine, combinations of the foregoing, and salts of the foregoing.